WHAT IS CLAIMED IS;

1. A wiper ring to be applied to screw unit having a shaft member comprising:

a plurality of segments each having a seal portion to be contacted to the shaft member, said segments being arranged in a circumferential direction of the shaft member; and

a spring member for urging the segments arranged in the circumferential direction of the shaft member in the radially central direction of the shaft member,

wherein (N-2) segments in said plural segments (N: total number thereof) are formed with support shafts extending in an axial direction of the shaft member and hole portions for receiving the support shafts in an arrangement shifted in the circumferential direction of the shaft member, either one of remaining two segments is provided with the support shaft and another one of the remaining two segments being formed with the hole portion, said segments being connected to each other by fitting the support shafts to the hole portions of the adjacent two segments in the circumferential direction in a manner that said remaining two segments are unconnected.

2. A wiper ring according to claim 1, wherein a slit is formed between adjacent segments when the respective segments are connected.

3. A wiper ring according to claim 1, wherein said shaft member is a screw shaft of a ball screw.

4. A ball screw comprising:

a screw shaft;

a number of rolling members to be applied to said screw shaft;

a nut mounted to said screw shaft through said rolling members; and

a wiper ring mounted to at least one axial end portion of said nut, said wiper ring comprising:

a plurality of segments each having a seal portion to be contacted to the shaft member, said segments being arranged in a circumferential direction of the shaft member; and

a spring member for urging the segments arranged in the circumferential direction of the shaft member in the radially central direction of the shaft member,

wherein (N-2) segments in said plural segments (N: total number thereof) are formed with support shafts extending in an axial direction of the shaft member and hole portions for receiving the support shafts in an arrangement shifted in the circumferential direction of the shaft member, either one of remaining two segments is provided with the support shaft and another one of the remaining two segments being formed with the hole portion, said segments being connected to each other by fitting the support shafts to the hole portions of the adjacent two segments in the circumferential direction in a manner that said remaining two segments are unconnected.